

Title (en)
SHIMMING ADHESIVE

Title (de)
UNTERFÜTTERUNGSKLEBSTOFF

Title (fr)
ADHÉSIF DE COMPENSATION

Publication
EP 4077461 A1 20221026 (EN)

Application
EP 20838608 A 20201211

Priority
• US 201962950437 P 20191219
• IB 2020061832 W 20201211

Abstract (en)
[origin: WO2021124049A1] Provided are two-part shimming adhesives comprising a base part and a hardener part that are curable upon mixing. The base part includes a multifunctional epoxy resin having an epoxide functionality of at least three, a difunctional epoxy resin miscibly blended with the multifunctional epoxy resin. The hardener part includes a polyetheramine. Either the base part or hardener part further comprises an inorganic filler present in an amount from 10 percent to 60 percent, relative to the overall weight of the two-part curable shimming adhesive, and a phosphoric acid ester. The shimming adhesive enables joints to be assembled in one step, providing a significant advantage to the user.

IPC 8 full level
C08G 59/38 (2006.01); **C08G 59/42** (2006.01); **C08G 59/50** (2006.01); **C08K 3/013** (2018.01); **C08K 3/36** (2006.01); **C08K 5/521** (2006.01); **C09J 163/00** (2006.01)

CPC (source: EP US)
C08G 59/38 (2013.01 - EP); **C08G 59/4253** (2013.01 - EP); **C08G 59/504** (2013.01 - EP); **C08K 3/013** (2017.12 - EP); **C08K 3/36** (2013.01 - EP); **C08K 5/521** (2013.01 - EP); **C09J 163/00** (2013.01 - EP US)

Citation (search report)
See references of WO 2021124049A1

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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